



Dart Aerospace Ltd.
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K6A 1K7
Canada

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RBW109-3101-58-1-1

Job Sheet 170542



Part No: RBW109-3101-58-1-1

Job Qty: 6 ea

Part Name: Hammer, Steel



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 1/17/18

Job Tracking No:

Due Date: 1/31/18

Created By: Marie Lajeunesse

Type: Stock

Description:

Note: DWG RBW109-3101-58-1 Rev3 IPP Rev A 17.11.27 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	6 Ea		1/30/18	0.00	0.00	Start Up Small Fab-4		MLC
100	Small Fab	6 pcs		1/31/18	0.00	6.00	Small Fab-9		MLC
110	QC	6 pcs		1/31/18	0.00	0.00	QC5		JB
130	Packaging	6 pcs		1/31/18	0.00	0.00	Packaging3		
140	QC21-SA	6 Ea		1/31/18	0.00	0.00	QC21		GA102

Part Op 90 - See engineering for epoxy deviation. Was DP460 NOW IS LOCTITE CLEAR

Descriptions: 100 - 1-Assemble as per DWG RBW109-3101-58-1 Sheet 2 2-Epoxy -5 shaft into -3 hammer head and 7 handle
-LOCTITE CLEAR EPOXY M 137679 EXP: 6/18 ***8hr. cure time*** Start time 1:45pm End time 6:45am
130 - IDENTIFY AND STOCK

Job Allocations

Operation	Component Part	Required	Inventory	Allocated	Std Qty
90-Start up Operation	RBW109-3101-58-1-3	6	1	0	0
	RBW109-3101-58-1-5	6	11	0	0
	RBW109-3101-58-1-7	6	1	0	0

Part Specifications

Specifications could not be found.

Plex 1/17/18 10:19 AM Dart.lajeunesse.marie

DART
AEROSPACE

Container No: S058142



Part: RBW109-3101-58-1-1

Job No: 170542

Serial No/Batch: S058142

Revision: 3

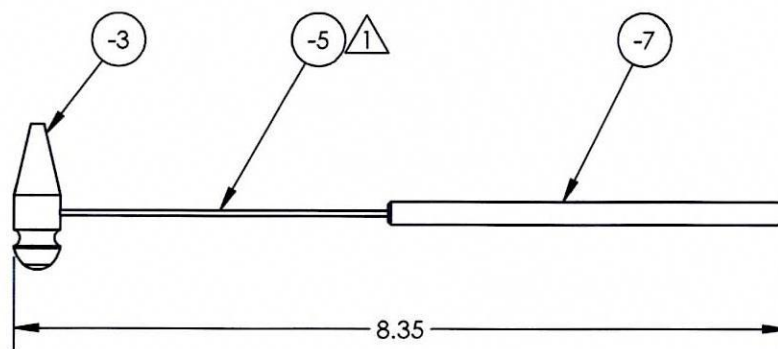
Inspector:

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Date: 04/04/18

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0212	-1 CH'D DWG TO SHEET METAL TOLERANCE.	11/4/2016	RJC	JAG



SHOP COPY
RETURN TO
FOR REWORKING
UNCONTROLLED COPY
SUBMIT TO QA FOR REVIEW
WITHOUT WORK ORDER
NO. 170542MCS
1801-17

NOTE:

1 EPOXY -5 SHAFT INTO -3 HAMMER HEAD & -7 HANDLE.

(1)
HAMMER, STEEL

DART AEROSPACE	
TITLE HAMMER, STEEL, BLADE CORROSION AND VOIDS DETECTION	
DWG NO. RBW109-3101-58-1-1	REV 3
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT	.XXX ± .010 FRACTIONS ± 1/8
TREAT	.XX ± .03 ANGLES ± 1°
FINISH	.X ± .1 SURFACES = 125 ✓
SPEC	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: DUERFELDT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	AW109/AW119
APPROVED: GILBERT	
SCALE 1:2	DATE 3/12/2015 SHEET 2 OF 5

 DART AEROSPACE Hawkesbury, Ontario, Canada	ENGINEERING ORDER # TEO17-644			SCALE: NTS		SHEET 1 OF 1	
	DRAWING NO. RBW109-3101-58-1		REV: NC ³ <i>Ch</i>	EFF.: NEXT ORDER		CHANGE CATEGORY	
	TITLE: HAMMER, STEEL, BLADE CORROSION AND VOIDS DETECTION						☐ MAJOR ☒ MINOR
	APPROVED: <i>VM</i> 09/15/2017		QA APP.: PD 09/14/2017	MFG. APPR.: DP 09/11/2017	CHECKED: SAC 09/08/2017		DATE 17.09.07
TRANSACTION CODE (TC): A-ADD C-CREATE R-REVISE D-DELETE		REASON: NO EPOXY DETAILS			COPYRIGHT © 2017 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.		
WAS : PART# RBW109-3101-58-1-1 Rev 3 CALLED : EPOXY (IN NOTES) IS : PART# RBW109-3101-58-1-1 Rev 3 CALLED : EPOXY 3M DP460 AS PER QSI 015 (IN NOTES)							
DOCUMENTS EFFECTED: ☐ PATTERN ☐ INSTALL INSTRUCTIONS ☒ BOM							

EO17-644

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER : _____			